

Sara Cutini

List of Publications by Year in descending order

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230
papers

33,862
citations

2970

93
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3482

182
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236
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docs citations

236
times ranked

13766
citing authors

#	ARTICLE	IF	CITATIONS
1	THE LARGE AREA TELESCOPE ON THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE MISSION. <i>Astrophysical Journal</i> , 2009, 697, 1071-1102.	1.6	3,048
2	<i>FERMI</i> LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 23.	3.0	1,224
3	<i>FERMI</i> LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 31.	3.0	1,079
4	Searching for Dark Matter Annihilation from Milky Way Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2015, 115, 231301.	2.9	881
5	<i>Fermi</i> Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 33.	3.0	817
6	Measurement of the Cosmic Ray e^+ from 20 GeV to 1 TeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2009, 102, 181101.	2.9	771
7	THE SPECTRAL ENERGY DISTRIBUTION OF <i>FERMI</i> BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010, 716, 30-70.	1.6	741
8	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 17.	3.0	693
9	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	6.0	654
10	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811.	6.0	591
11	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015, 799, 86.	1.6	556
12	<i>FERMI</i> -LAT OBSERVATIONS OF THE DIFFUSE $\hat{\gamma}$ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012, 750, 3.	1.6	535
13	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 743, 171.	1.6	525
14	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. <i>Science</i> , 2009, 323, 1688-1693.	6.0	523
15	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015, 810, 14.	1.6	475
16	Constraining Dark Matter Models from a Combined Analysis of Milky Way Satellites with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2011, 107, 241302.	2.9	465
17	A limit on the variation of the speed of light arising from quantum gravity effects. <i>Nature</i> , 2009, 462, 331-334.	13.7	454
18	Measurement of Separate Cosmic-Ray Electron and Positron Spectra with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2012, 108, 011103.	2.9	445

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19	Spectrum of the Isotropic Diffuse Gamma-Ray Emission Derived from First-Year Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2010, 104, 101101.	2.9	433
20	THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 715, 429-457.	1.6	415
21	THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 4.	3.0	403
22	THE FIRST <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 187, 460-494.	3.0	396
23	FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 46-66.	3.0	394
24	<i>FERMI</i> OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. <i>Astrophysical Journal</i> , 2009, 706, L138-L144.	1.6	364
25	BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THE <i>FERMI</i> LARGE AREA TELESCOPE ALL-SKY SURVEY. <i>Astrophysical Journal</i> , 2009, 700, 597-622.	1.6	349
26	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 26.	3.0	313
27	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY $\hat{3}$ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 819, 44.	1.6	301
28	Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 739-742.	6.0	297
29	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 755, 164.	1.6	297
30	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHT <i>FERMI</i>-DETECTED BLAZARS. <i>Astrophysical Journal</i> , 2010, 722, 520-542.	1.6	292
31	The AGILE Mission. <i>Astronomy and Astrophysics</i> , 2009, 502, 995-1013.	2.1	288
32	A change in the optical polarization associated with a $\hat{3}$ -ray flare in the blazar 3Câ€‰%279. <i>Nature</i> , 2010, 463, 919-923.	13.7	269
33	Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. <i>Science</i> , 2009, 325, 840-844.	6.0	264
34	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017, 840, 43.	1.6	264
35	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , 2011, 736, 131.	1.6	261
36	THE SPECTRUM AND MORPHOLOGY OF THE <i>FERMI</i> BUBBLES. <i>Astrophysical Journal</i> , 2014, 793, 64.	1.6	239

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37	THE FIRST <i>FERMI</i> -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 11.	3.0	232
38	RADIO-LOUD NARROW-LINE SEYFERT 1 AS A NEW CLASS OF GAMMA-RAY ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, L142-L147.	1.6	230
39	3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 18.	3.0	227
40	Gamma-Ray Emission from the Shell of Supernova Remnant W44 Revealed by the Fermi LAT. <i>Science</i> , 2010, 327, 1103-1106.	6.0	220
41	Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. <i>Physical Review D</i> , 2015, 91, .	1.6	220
42	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 5.	3.0	219
43	<i>FERMI</i> LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. <i>Astrophysical Journal</i> , 2009, 706, L1-L6.	1.6	216
44	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47.	6.0	211
45	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7â€“3946 WITH THE <i>FERMI</i> -LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 734, 28.	1.6	209
46	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. <i>Science</i> , 2012, 338, 1190-1192.	6.0	207
47	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 892, 105.	1.6	204
48	OBSERVATION OF SUPERNOVA REMNANT ICÂ443 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 712, 459-468.	1.6	203
49	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852.	6.0	190
50	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 8.	3.0	190
51	Fermi Gamma-Ray Imaging of a Radio Galaxy. <i>Science</i> , 2010, 328, 725-729.	6.0	187
52	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM <i>FERMI</i> -LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , 2012, 761, 91.	1.6	186
53	Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 53.	3.0	186
54	INSIGHTS INTO THE HIGH-ENERGY Î³-RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE <i>FERMI</i> -ERA. <i>Astrophysical Journal</i> , 2011, 727, 129.	1.6	185

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55	THE FIRST <i>FERMI</i> -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 34.	3.0	184
56	THE <i>FERMI</i> -LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. <i>Astrophysical Journal</i> , 2010, 720, 435-453.	1.6	179
57	Detection of terrestrial gamma ray flashes up to 40 MeV by the AGILE satellite. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	179
58	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011, 729, 114.	1.6	179
59	Science with e-ASTROGAM. <i>Journal of High Energy Astrophysics</i> , 2018, 19, 1-106.	2.4	177
60	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , 2013, 88, .	1.6	175
61	<i>FERMI</i> <i>GAMMA-RAY SPACE TELESCOPE</i> OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. <i>Astrophysical Journal Letters</i> , 2011, 733, L26.	3.0	170
62	MINUTE-TIMESCALE >100 MeV γ -RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY <i>FERMI</i> -LAT IN 2015 JUNE. <i>Astrophysical Journal Letters</i> , 2016, 824, L20.	3.0	167
63	SPECTRAL PROPERTIES OF BRIGHT <i>FERMI</i> -DETECTED BLAZARS IN THE GAMMA-RAY BAND. <i>Astrophysical Journal</i> , 2010, 710, 1271-1285.	1.6	166
64	Simultaneous <i>Planck</i> , <i>Swift</i> , and <i>Fermi</i> observations of X-ray and γ -ray selected blazars. <i>Astronomy and Astrophysics</i> , 2012, 541, A160.	2.1	166
65	<i>FERMI</i> LARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. <i>Astrophysical Journal</i> , 2009, 707, 55-60.	1.6	153
66	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012, 757, L31.	3.0	152
67	A Decade of Gamma-Ray Bursts Observed by <i>Fermi</i> -LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019, 878, 52.	1.6	152
68	THE ULTRA-LONG GAMMA-RAY BURST 111209A: THE COLLAPSE OF A BLUE SUPERGIANT?. <i>Astrophysical Journal</i> , 2013, 766, 30.	1.6	148
69	SIMULTANEOUS OBSERVATIONS OF PKS 2155+304 WITH HESS, <i>FERMI</i> , <i>RXTE</i> , AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. <i>Astrophysical Journal</i> , 2009, 696, L150-L155.	1.6	144
70	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , 2015, 813, L41.	3.0	144
71	EARLY <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009, 699, 817-823.	1.6	141
72	Cosmic-ray electron-positron spectrum from 7 GeV to 2 TeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2017, 95, .	1.6	138

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73	<i>FERMI</i> GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF GAMMA-RAY OUTBURSTS FROM 3C 454.3 IN 2009 DECEMBER AND 2010 APRIL. <i>Astrophysical Journal</i> , 2010, 721, 1383-1396.	1.6	134
74	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259â€“63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i> . <i>Astrophysical Journal Letters</i> , 2011, 736, L11.	3.0	130
75	SEARCH FOR DARK MATTER SATELLITES USING <i>FERMI</i> -LAT. <i>Astrophysical Journal</i> , 2012, 747, 121.	1.6	130
76	Resolving the Extragalactic γ -Ray Background above 50 GeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 151105.	2.9	130
77	Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 014-014.	1.9	129
78	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 193-219.	1.9	123
79	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 32.	3.0	121
80	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093.	1.6	120
81	<i>FERMI</i> LAT OBSERVATIONS OF LS I +61Â°303: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. <i>Astrophysical Journal</i> , 2009, 701, L123-L128.	1.6	119
82	<i>FERMI</i> /LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , 2009, 706, L56-L61.	1.6	119
83	<i>FERMI</i> OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, 1310-1333.	1.6	114
84	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 741, 30.	1.6	113
85	A gamma-ray determination of the Universe's star formation history. <i>Science</i> , 2018, 362, 1031-1034.	6.0	111
86	Observations of the Large Magellanic Cloud with <i>Fermi</i> . <i>Astronomy and Astrophysics</i> , 2010, 512, A7.	2.1	106
87	γ -RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011, 742, 27.	1.6	101
88	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRST <i>FERMI</i> -LAT CATALOG. <i>Astrophysical Journal</i> , 2012, 753, 83.	1.6	100
89	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF <i>FERMI</i> LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , 2014, 787, 15.	1.6	100
90	<i>FERMI</i> LAT OBSERVATION OF DIFFUSE GAMMA RAYS PRODUCED THROUGH INTERACTIONS BETWEEN LOCAL INTERSTELLAR MATTER AND HIGH-ENERGY COSMIC RAYS. <i>Astrophysical Journal</i> , 2009, 703, 1249-1256.	1.6	99

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91	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. <i>Astrophysical Journal</i> , 2011, 734, 116.	1.6	98
92	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. <i>Astrophysical Journal</i> , 2014, 789, 20.	1.6	96
93	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 77.	1.6	94
94	<i>Planck</i>early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A15.	2.1	93
95	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. <i>Science</i> , 2012, 338, 1314-1317.	6.0	92
96	First AGILE catalog of high-confidence gamma-ray sources. <i>Astronomy and Astrophysics</i> , 2009, 506, 1563-1574.	2.1	91
97	Limits on dark matter annihilation signals from the Fermi LAT 4-year measurement of the isotropic gamma-ray background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 008-008.	1.9	90
98	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. <i>Astrophysical Journal</i> , 2016, 819, 149.	1.6	88
99	The Fermi Gamma-Ray Space Telescope Discovers the Pulsar in the Young Galactic Supernova Remnant CTA 1. <i>Science</i> , 2008, 322, 1218-1221.	6.0	87
100	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE<i>FERMI</i>LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 810-827.	1.6	87
101	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. <i>Physical Review D</i> , 2012, 85, .	1.6	87
102	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , 2009, 707, 727-737.	1.6	81
103	GRBâ€™090426: the farthest short gamma-ray burst?. <i>Astronomy and Astrophysics</i> , 2009, 507, L45-L48.	2.1	81
104	Detection of High-Energy Gamma-Ray Emission from the Globular Cluster 47 Tucanae with Fermi. <i>Science</i> , 2009, 325, 845-848.	6.0	80
105	On the origin of gamma-rays in Fermi blazars: beyond the broad-line region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4749-4767.	1.6	79
106	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013, 763, 71.	1.6	75
107	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6â€™5856. <i>Science</i> , 2012, 335, 189-193.	6.0	74
108	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 711, 64-74.	1.6	72

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109	<i>AGILE</i>DETECTION OF DELAYED GAMMA-RAY EMISSION FROM THE SHORT GAMMA-RAY BURST GRB 090510. <i>Astrophysical Journal Letters</i> , 2010, 708, L84-L88.	3.0	70
110	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43.	1.6	70
111	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. <i>Astrophysical Journal</i> , 2017, 836, 208.	1.6	70
112	Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. <i>Astrophysical Journal</i> , 2017, 843, 139.	1.6	70
113	AGILE Detection of a Strong Gamma-Ray Flare from the Blazar 3C 454.3. <i>Astrophysical Journal</i> , 2008, 676, L13-L16.	1.6	69
114	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. I. THE<i>AGILE</i>2007 NOVEMBER CAMPAIGN ON THE â<i>CRAZY DIAMOND</i>â. <i>Astrophysical Journal</i> , 2009, 690, 1018-1030.	1.6	66
115	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTI-WAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , 2010, 708, L100-L106.	3.0	66
116	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE<i>FERMI</i>LARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013, 765, 54.	1.6	66
117	Deep view of the Large Magellanic Cloud with six years of<i>Fermi</i>-LAT observations. <i>Astronomy and Astrophysics</i> , 2016, 586, A71.	2.1	64
118	A study of the prompt and afterglow emission of the short GRB 061201. <i>Astronomy and Astrophysics</i> , 2007, 474, 827-835.	2.1	64
119	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , 2017, 846, 34.	1.6	63
120	<i>FERMI</i>DETECTION OF $\hat{1}^3$ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , 2012, 745, 144.	1.6	60
121	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. <i>Astrophysical Journal</i> , 2016, 826, 1.	1.6	60
122	<i>FERMI</i>OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. <i>Astrophysical Journal</i> , 2009, 707, 580-592.	1.6	56
123	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THE<i>FERMI</i>LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 708, 1426-1441.	1.6	56
124	<i>FERMI</i>DETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. <i>Astrophysical Journal</i> , 2010, 712, 558-564.	1.6	54
125	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	1.6	54
126	AGILE detection of delayed gamma-ray emission from GRB 080514B. <i>Astronomy and Astrophysics</i> , 2008, 491, L25-L28.	2.1	53

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127	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017, 835, 219.	1.6	53
128	THE FIRST <i>FERMI</i> MULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. <i>Astrophysical Journal</i> , 2011, 730, 101.	1.6	52
129	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH <i>FERMI</i> -LAT. <i>Astrophysical Journal</i> , 2015, 812, 159.	1.6	52
130	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7â€“0.1. <i>Astrophysical Journal</i> , 2012, 744, 80.	1.6	48
131	MAGIC long-term study of the distant TeV blazar PKS 1424+240 in a multiwavelength context. <i>Astronomy and Astrophysics</i> , 2014, 567, A135.	2.1	48
132	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. <i>Astrophysical Journal</i> , 2020, 890, 9.	1.6	48
133	THE <i>FERMI</i> ALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. <i>Astrophysical Journal</i> , 2013, 771, 57.	1.6	47
134	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITH <i>FERMI</i> -LAT. <i>Astrophysical Journal</i> , 2012, 747, 104.	1.6	45
135	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830â€“211 OBSERVED BY <i>Fermi</i> LAT. <i>Astrophysical Journal</i> , 2015, 799, 143.	1.6	45
136	<i>FERMI</i> -LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L2.	3.0	45
137	Systematic Search for $\dot{\Gamma}^3$ -Ray Periodicity in Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 896, 134.	1.6	45
138	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 700, 1059-1066.	1.6	44
139	PROSPECTS FOR GRB SCIENCE WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 701, 1673-1694.	1.6	44
140	<i>FERMI</i> OBSERVATIONS OF THE VERY HARD GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal</i> , 2010, 708, 1310-1320.	1.6	42
141	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017, 837, L5.	3.0	42
142	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , 2015, 350, 801-805.	6.0	41
143	AGILE detection of a rapid $\dot{\Gamma}^3$ -ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring. <i>Astronomy and Astrophysics</i> , 2009, 508, 181-189.	2.1	41
144	PULSED GAMMA RAYS FROM THE MILLISECOND PULSAR J0030+0451 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 699, 1171-1177.	1.6	38

#	ARTICLE	IF	CITATIONS
145	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	3.0	38
146	Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2017, 118, 091103.	2.9	38
147	<i>FERMI</i>/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454â354. <i>Astrophysical Journal</i> , 2009, 697, 934-941.	1.6	37
148	Gamma-Ray Localization of Terrestrial Gamma-Ray Flashes. <i>Physical Review Letters</i> , 2010, 105, 128501.	2.9	36
149	ASSOCIATING LONG-TERM $\hat{\Gamma}^3$ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61Â303. <i>Astrophysical Journal Letters</i> , 2013, 773, L35.	3.0	36
150	A Minimal Spanning Tree algorithm for source detection in $\hat{\Gamma}^3$ -ray images. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 383, 1166-1174.	1.6	35
151	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. <i>Astrophysical Journal Letters</i> , 2011, 734, L27.	3.0	34
152	AGILE detection of variable <i> $\hat{\Gamma}^3$ </i>-ray activity from the blazar S5Â0716+714 in SeptemberâOctober 2007. <i>Astronomy and Astrophysics</i> , 2008, 489, L37-L40.	2.1	33
153	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4CÂ21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	1.6	33
154	High spatial resolution correlation of AGILE TGFs and global lightning activity above the equatorial belt. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	32
155	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITORÂAND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017, 835, 82.	1.6	32
156	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018, 861, 85.	1.6	32
157	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 13.	3.0	32
158	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 12.	3.0	30
159	Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. <i>Physical Review D</i> , 2011, 84, .	1.6	29
160	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi> $\hat{\Gamma}^3$ </mml:mi></mml:math>-Ray Observations of EarthâTM's Limb. <i>Physical Review Letters</i> , 2014, 112, 151103.	2.9	28
161	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2012, 35, 346-353.	1.9	27
162	Early emission of rising optical afterglows: the case of GRB 060904B and GRB 070420. <i>Astronomy and Astrophysics</i> , 2008, 483, 847-855.	2.1	27

#	ARTICLE	IF	CITATIONS
163	AGILE and Swift simultaneous observations of the blazar S50716+714 during the bright flare of October 2007. <i>Astronomy and Astrophysics</i> , 2008, 487, L49-L52.	2.1	27
164	<i>FERMI</i> OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. <i>Astrophysical Journal Letters</i> , 2010, 717, L127-L132.	3.0	26
165	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE <i>FERMI</i> LAT. <i>Astrophysical Journal</i> , 2015, 807, 169.	1.6	26
166	EXPLORING THE RELATION BETWEEN (SUB-)MILLIMETER RADIATION AND $\hat{\Gamma}^3$ -RAY EMISSION IN BLAZARS WITH <i>PLANCK</i> AND <i>FERMI</i>. <i>Astrophysical Journal</i> , 2012, 754, 23.	1.6	25
167	Gamma-ray burst detection with the AGILE mini-calorimeter. <i>Astronomy and Astrophysics</i> , 2008, 490, 1151-1156.	2.1	24
168	<i>SUZAKU</i> OBSERVATIONS OF LUMINOUS QUASARS: REVEALING THE NATURE OF HIGH-ENERGY BLAZAR EMISSION IN LOW-LEVEL ACTIVITY STATES. <i>Astrophysical Journal</i> , 2010, 716, 835-849.	1.6	23
169	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2016, 819, 98.	1.6	23
170	AGILE detection of intense gamma-ray emission from the blazar PKS 1510-089. <i>Astronomy and Astrophysics</i> , 2008, 491, L21-L24.	2.1	22
171	Radio- $\hat{\Gamma}$ gamma-ray connection and spectral evolution in 4C+49.22 (S4 1150+49): the Fermi, Swift and Planck view. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 4316-4334.	1.6	22
172	<i>SWIFT</i> AND <i>FERMI</i> OBSERVATIONS OF X-RAY FLARES: THE CASE OF LATE INTERNAL SHOCK. <i>Astrophysical Journal</i> , 2015, 803, 10.	1.6	22
173	The number counts, luminosity functions, and evolution of microwave-selected (WMAP) blazars and radio galaxies. <i>Astronomy and Astrophysics</i> , 2009, 508, 107-115.	2.1	21
174	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018, 866, 24.	1.6	21
175	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2016, 93, 082001.	1.6	20
176	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018, 4, eaao7228.	4.7	20
177	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018, 121, 241101.	2.9	20
178	Classification of blazar candidates of uncertain type from the Fermi LAT 8-yr source catalogue with an artificial neural network. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1926-1935.	1.6	20
179	<i>FERMI</i> OBSERVATIONS OF $\hat{\Gamma}^3$ -RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012, 758, 140.	1.6	19
180	The AGILE observations of the hard and bright GRB 100724B. <i>Astronomy and Astrophysics</i> , 2011, 535, A120.	2.1	18

#	ARTICLE	IF	CITATIONS
181	Simultaneous multi-wavelength campaign on PKS 2005-489 in a high state. <i>Astronomy and Astrophysics</i> , 2011, 533, A110.	2.1	18
182	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015, 809, L2.	3.0	18
183	AGILE observation of a gamma-ray flare from the blazar 3C 279. <i>Astronomy and Astrophysics</i> , 2009, 494, 509-513.	2.1	17
184	High energy variability of 3C 273 during the AGILE multiwavelength campaign of December 2007–January 2008. <i>Astronomy and Astrophysics</i> , 2009, 494, 49-61.	2.1	17
185	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5.	3.0	15
186	A multiwavelength study of Swift GRB 060111B constraining the origin of its prompt optical emission. <i>Astronomy and Astrophysics</i> , 2009, 503, 783-795.	2.1	14
187	Publisher's Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D 85, 083007 (2012)]. <i>Physical Review D</i> , 2012, 85, .	1.6	14
188	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH FERMI. <i>Astrophysical Journal</i> , 2012, 754, 121.	1.6	14
189	Optimizing neural network techniques in classifying Fermi-LAT gamma-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4770-4777.	1.6	14
190	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021, 921, 144.	1.6	14
191	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. <i>Science</i> , 2022, 376, 521-523.	6.0	14
192	TEMPORAL PROPERTIES OF GX 301+2 OVER A YEAR-LONG OBSERVATION WITH SuperAGILE. <i>Astrophysical Journal</i> , 2010, 708, 1663-1673.	1.6	13
193	Monitoring the hard X-ray sky with SuperAGILE. <i>Astronomy and Astrophysics</i> , 2010, 510, A9.	2.1	11
194	Upper limits on the high-energy emission from gamma-ray bursts observed by AGILE-GRID. <i>Astronomy and Astrophysics</i> , 2012, 547, A95.	2.1	10
195	RADIO AND γ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , 2011, 728, 77.	1.6	9
196	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019, 883, 33.	1.6	9
197	Unusual flaring activity in the blazar PKS 1424+418 during 2008–2011. <i>Astronomy and Astrophysics</i> , 2014, 569, A40.	2.1	8
198	AGILE View of TGFs. , 2009, , .		7

#	ARTICLE	IF	CITATIONS
199	Multiwavelength flare observations of the blazar S5 1803+784. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6177-6187.	1.6	7
200	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. Astrophysical Journal, Supplement Series, 2021, 256, 13.	3.0	7
201	Bright Gamma-Ray Flares Observed in GRB 131108A. Astrophysical Journal Letters, 2019, 886, L33.	3.0	6
202	A year-long AGILE observation of Cygnus X-1 in hard spectral state. Astronomy and Astrophysics, 2010, 520, A67.	2.1	5
203	FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. Astrophysical Journal, 2016, 822, 68.	1.6	5
204	Artificial Neural Network classification of 4FGL sources. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5853-5861.	1.6	5
205	Long-term AGILE monitoring of the puzzling gamma-ray source 3EG J1835+5918. Astronomy and Astrophysics, 2008, 489, L17-L20.	2.1	5
206	The TAROT archive: rising afterglows. , 2009, , .		4
207	First detection of VHE gamma-ray emission from TXSÂ1515â€“273, study of its X-ray variability and spectral energy distribution. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1528-1545.	1.6	4
208	Limits on large extra dimensions based on observations of neutron stars with the Fermi-LAT. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 012-012.	1.9	3
209	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. Astrophysical Journal, 2016, 820, 72.	1.6	3
210	Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. Astrophysical Journal, 2022, 933, 204.	1.6	3
211	Functional biases in GRB's spectral parameter correlations. AIP Conference Proceedings, 2008, , .	0.3	2
212	The puzzling temporally variable optical and X-ray afterglow of GRB 101024A. Astronomy and Astrophysics, 2011, 530, A74.	2.1	2
213	The observation of gamma ray bursts and terrestrial gamma-ray flashes with AGILE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 155-158.	0.7	2
214	Search for Very Short Bursts with the AGILE Mini-Calorimeter. , 2009, , .		1
215	Challenging the one zone SSC model in VHE gamma ray emitting BL lacs: The interesting case of PKS 1424+240. , 2012, , .		1
216	Blazar surveys with WMAP and Swift. AIP Conference Proceedings, 2007, , .	0.3	0

#	ARTICLE	IF	CITATIONS
217	A MST algorithm for source detection in $\hat{\Gamma}^3$ -ray images. AIP Conference Proceedings, 2007, , .	0.3	0
218	A study of the prompt and afterglow emission of the short GRB 061201. AIP Conference Proceedings, 2008, , .	0.3	0
219	From Single Pulse to Multi-Pulse: looking for Gamma-ray Bursts intimate properties. , 2009, , .		0
220	High-Energy Observation of GRB 090217 with Fermi. , 2010, , .		0
221	Analysis of the Spectral Energy Distributions of Fermi bright blazars. , 2010, , .		0
222	Fermi and multifrequency observations of blazars. , 2010, , .		0
223	The origin of the prompt optical emission in GRB 060111B. Advances in Space Research, 2011, 47, 1413-1415.	1.2	0
224	The second Fermi-LAT AGN catalogue. , 2012, , .		0
225	Multi-wavelength observations of blazar 4C + 49.22 during flaring state. , 2012, , .		0
226	Gamma-ray blazars and active galactic nuclei seen by the Fermi-LAT. Proceedings of the International Astronomical Union, 2014, 10, 12-16.	0.0	0
227	Quasi-periodic modulation observed in the gamma-ray blazar PG 1553+113 and the MAGIC campaign 2015-2017. AIP Conference Proceedings, 2017, , .	0.3	0
228	The multi-frequency behaviour of Blazars. , 2010, , .		0
229	The Second LAT AGN Catalogue from the Fermi observatory. , 2012, , .		0
230	<i>Fermi</i>-LAT analysis of Fermi, Planck, Swift and radio selected samples of AGN. Astroparticle, Particle, Space Physics, Radiation Interaction, Detectors and Medical Physics Applications, 2012, , 161-165.	0.1	0